

Title (en)

COEXISTENCE OF A NORMAL-RATE PHYSICAL LAYER AND A LOW-RATE PHYSICAL LAYER IN A WIRELESS NETWORK

Title (de)

KOEXISTENZ EINER NORMAL-RATE-BITÜBERTRAGUNGSSCHICHT UND LOW-RATE-BITÜBERTRAGUNGSSCHICHT IN EINEM DRAHTLOSEN NETZWERK

Title (fr)

COEXISTENCE DE COUCHE PHYSIQUE À DÉBIT NORMAL ET DE COUCHE PHYSIQUE À BAS DÉBIT DANS UN RÉSEAU SANS FIL

Publication

EP 2752066 B1 20160914 (EN)

Application

EP 12743287 A 20120716

Priority

- US 201161528660 P 20110829
- US 2012046908 W 20120716

Abstract (en)

[origin: US2013051260A1] A system including a physical layer module and a processing module. The physical layer module is configured to communicate at a first data rate via a channel, where the channel includes (i) a first sub-channel and (ii) a second sub-channel of the channel, to receive a first packet including a first preamble transmitted at the first data rate via (i) the first sub-channel and (ii) the second sub-channel, and to receive a second packet including a second preamble transmitted at a second data rate via (i) the first sub-channel or (ii) the second sub-channel, where the second data rate is less than the first data rate. The processing module is configured to process (i) the first preamble transmitted at the first data rate and (ii) at least a portion of the second preamble transmitted at the second data rate.

IPC 8 full level

H04W 74/08 (2009.01)

CPC (source: EP US)

H04L 27/2613 (2013.01 - EP US); **H04L 43/0805** (2013.01 - US); **H04W 74/08** (2013.01 - US); **H04W 74/0808** (2013.01 - EP US); **H04L 5/00** (2013.01 - US); **H04W 74/008** (2013.01 - EP US)

Cited by

US12003441B2; EP2801168A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2013051260 A1 20130228; **US 8837524 B2 20140916**; CN 103765973 A 20140430; CN 103765973 B 20171110; EP 2752066 A1 20140709; EP 2752066 B1 20160914; JP 2014525714 A 20140929; JP 6057259 B2 20170111; KR 102029272 B1 20191007; KR 20140059838 A 20140516; US 2015003276 A1 20150101; US 9584383 B2 20170228; WO 2013032584 A1 20130307

DOCDB simple family (application)

US 201213550083 A 20120716; CN 201280042184 A 20120716; EP 12743287 A 20120716; JP 2014528392 A 20120716; KR 20147008595 A 20120716; US 2012046908 W 20120716; US 201414487386 A 20140916